



INFORMATION DISCLOSURE STATEMENT PTO-1449	Atty. Docket No. TOR-035	Serial No. 09/988,776
	Applicant: Sadanori KUMAZAWA et al.	
	Filing Date: November 20, 2001	Group: 1714

U.S. PATENT DOCUMENTS

Examiner's Initial		Document No.	Date	Name	Class	Sub Class	Filing Date If appropriate
W	UA	4,229,553	10/21/80	Sterzel et al.	525	438	
	UB	5,026,790	06/25/91	Tyrell et al.	525	438	
	UC	5,596,049	01/21/97	Gallucci et al.	525	438	
	UD	5,300,546	04/05/94	Nelson et al.	524	114	
W	UE	5,731,390	03/24/98	Helmond	525	438	

FOREIGN PATENT DOCUMENTS

Examiner's Initial		Document No.	Date	Country	Translation Yes/No/Partial
W	FA	1,093,840	12/06/67	GB	
	FB	44-27911 B	11/18/69	JP	No (see FA)
	FC	57-87452 A	05/31/82	JP	Partial
	FD	58-52344 A	03/28/83	JP	Partial
	FE	55-23199 A	02/19/80	JP	No (see UA)
	FF	63-47804 B2	09/88	JP	Partial
	FG	3-287657 A	12/18/91	JP	Partial
	FH	5-506055 A	09/02/93	JP	No (see UB)
	FI	5-222279 A	08/31/93	JP	No (see UC)
	FJ	6-287419 A	10/11/94	JP	Partial
W	FK	7-47685 B2	05/24/95	JP	No (see UD)

OTHER DOCUMENTS

Examiner's Initial	
	DA

Examiner: <i>Tae Yoon</i>	Date Considered: <i>12-4-03</i>
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INFORMATION DISCLOSURE STATEMENT

PTO-1449

Atty. Docket No.
IPE-014

Serial No.
09/988,776

Applicant:
Sadanori KUMAZAWA et al.

Filing Date:
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1714

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	UB						
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FOREIGN PATENT DOCUMENTS

Examiner's Initial		Document No.	Date	Country	Translation Yes/No/Partial
<i>W</i>	FA	0 334 620 A2	09/27/89	EP	
<i>W</i>	FB	94/24201 A1	10/27/94	WO	Abstract
	FC				
	FD				
	FE				
	FF				
	FG				

OTHER DOCUMENTS

Examiner's Initial		
<i>W</i>	DA	Patent Abstracts of Japan, Publication No. 58-052344, Publication Date 03/28/83.
	DB	
	DC	

Examiner: *The Yoon* Date Considered: *12-4-03*

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